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**NORTH KESTEVEN  
RURAL DISTRICT COUNCIL**

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**ANNUAL REPORT**

OF THE

**MEDICAL OFFICER OF HEALTH**

AND

**PUBLIC HEALTH INSPECTOR**

FOR THE YEAR

**1966**



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RURAL DISTRICT COUNCIL**

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## NORTH KESTEVEN RURAL DISTRICT COUNCIL

### ANNUAL REPORT of the Medical Officer of Health and Public Health Inspector for 1966.

*Chairman:* MR. G. W. HUTSON, J.P., North Hykeham.

*Vice-Chairman:* MR. F. G. NEWTON, Swinderby.

*Treasurer:* NATIONAL PROVINCIAL BANK LIMITED, Lincoln.

*Medical Officer of Health:* DR. M. A. LORAINE, B.SC., M.B., CH.B., D.C.H., D.P.H.  
(To June)

DR. J. F. ADAM, M.B., B.SC., D.OBST., R.C.O.G. (From September)

*Clerk & Chief Financial Officer:* MR. F. FOSTER.

*Assistant Clerk & Deputy Financial Officer:* MR. T. L. HILL.

*Legal Advisers:* MESSRS. DANBY, EPTON & GRIFFITH, Solicitors, Lincoln.

*Rating and Valuation Officer and Housing*

*Manager:* MR. A. ELKINGTON, F.R.V.A.

*Surveyor and Chief Public Health Inspector:*

MR. J. FREEMAN, M.I.MUN.E., M.R.S.H.,  
M.A.P.H.I.

*Deputy Surveyor:* MR. B. R. WALLACE,  
A.R.I.C.S.

*Deputy Chief Public Health Inspector:*

MR. D. G. OWENS, M.A.P.H.I.

*Additional Public Health Inspectors:*

MR. J. H. BULMER

MR. D. M. PICKLES, A.R.S.H., M.A.P.H.I.

MR. B. G. MINION, M.A.P.H.I.

(From August).

*Council Offices:*

31 Clasketgate, Lincoln.

*Telephone No.* 23221.

*Surveyor and Chief Public Health  
Inspectors' Department:*

Beech Street, Bracebridge, Lincoln.

*Telephone No.* 27395/6/7.

Garage and Store, Sleaford Road,  
Metheringham.

*Telephone No.* 470.

The Chairman and Vice-Chairman act as *ex-officio* members of all Committees and Sub-Committees of the Council (except the Rating and Valuation Committee)

Mr. Chairman, Ladies and Gentlemen,

As your Medical Officer of Health, I beg to lay before you my report on the vital statistics, Health and Sanitary Conditions of your District for the year ending 31st December, 1966.

#### Statistics and Social Conditions of the Area.

Area (acres) .. .. .	100,783
Population 1966 (Estimated Mid-Year) .. .. .	40,070
1965 .. .. .	38,450
Dwelling houses (including houses with shops) .. .. .	10,863
Commercial Properties .. .. .	563
Licensed Premises .. .. .	57
Entertainment and Recreational .. .. .	47
Public Utility .. .. .	38
Educational and Cultural .. .. .	42
Industrial .. .. .	26
Miscellaneous .. .. .	205
Total number of hereditaments .. .. .	11,841
Rateable Value of District .. .. .	£1,025,317
Penny Rate Product .. .. .	£4,426



## Council Tenancies

Permanent houses and bungalows .. .. .	2,002
Aluminium bungalows .. .. .	60
<b>Total .. .. .</b>	<b>2,062</b>

Considerable progress has been made with exchanges and transfers to make the best use of the housing accommodation available.

The following industries and occupations exist in the district:—Agriculture, crop drying, an egg packing station, brick making kilns, aircraft repair works, sewage works for Lincoln City, a light engineering factory, stone and sand and gravel quarries, road car depots and garages, wholesale distributors (SPD), a clothing factory, Jointine products, the Malleable Iron Works, food manufacture (N.A.A.F.I.) bakery at North Hykeham and pest control, Fisons at Metherringham.

## VITAL STATISTICS 1966

### Birth and Death Rates

As the age and sex distributions of the population in different areas materially affects both the Birth and Death rates of these areas, comparability factors allowing for this are issued by the Registrar General for each local Government Unit. These factors are used in calculating what are termed as nett rates and fairer comparisons are obtained if the latter are used when comparing rates with those of any other area (when these have been similarly adjusted) or with rates for the Country as a whole.

These factors for Births and Deaths in respect of North Kesteven Rural District are 0.96 and 0.83 respectively. The corresponding figures when multiplied by the Crude Rate (that is, for Births and Deaths as the case may be) will give the nett rate.

	M.	F.	Total
Live Births .. .. .	391	390	781
Legitimate .. .. .	371	377	748
Illegitimate .. .. .	20	13	33
Crude live birth rate per 1,000 population .. .. .	..	..	19.5
Nett live birth rate per 1,000 population .. .. .	..	..	18.7
Rate for England and Wales .. .. .	..	..	17.7
Illegitimate live births—Per cent of total births .. .. .	..	..	4.2%
Still births .. .. .	2	6	8
Legitimate .. .. .	2	5	7
Illegitimate .. .. .	—	1	1
Still birth rate per 1,000 live and still births .. .. .	..	..	10.1
Rate for England and Wales .. .. .	..	..	15.4
Total live and still births .. .. .	393	396	789
Deaths .. .. .	224	223	447
Crude death rate per 1,000 of estimated population .. .. .	..	..	11.2
Nett death rate per 1,000 of estimated population .. .. .	..	..	9.3
Rate for England and Wales .. .. .	..	..	11.7

Infant Mortality						M.	F.	Total
i.e. deaths of infants under the age of 1 year						7	10	17
Legitimate	..	..	..	..	..	7	10	17
Illegitimate	..	..	..	..	..	—	—	—
Infant Mortality rate per 1,000 live births						..	..	21.8
Rate for England and Wales						..	..	19.0
Legitimate infant deaths per 1,000 legitimate live births						..	..	22.7
Illegitimate infant deaths per 1,000 illegitimate live births						..	..	—
Deaths of infants under four weeks						5	7	12
Deaths of infants under one week						4	5	9
Neonatal mortality rate per 1,000 live births under 4 weeks						..	..	15.3
Rate for England and Wales						..	..	12.9
Early neonatal mortality rate per 1,000 live births under 1 week						..	..	11.5
Rate for England and Wales						..	..	11.1
Perinatal Mortality rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)						..	..	21.5
Rate for England and Wales						..	..	26.3

### Causes of deaths of infants under one year

The figures for this year show an increase. In the majority the deaths of children under one year were attributable to congenital heart disease and prematurity. There appeared to have been more during the year than in previous years of late and this has increased the infant mortality rate per 1,000 live births.

### Maternal Mortality (including abortion)

Number of deaths	..	..	..	..	..	..	..	0
Rate per 1,000 total live and still births	..	..	..	..	..	..	..	0.00

The birth rate at 18.6 per 1,000 of the population is higher than that of England and Wales as a whole at 17.7.

The death rate at 10.4 compares favourably with the figures for England and Wales at 11.7.

The infant mortality rate for the area was 21.8 which compares with that of the national average of 19.0.

The natural increase in the population of the area, that is the excess of live births over deaths was 334.

### CAUSES OF DEATH

						Male	Female	Total
1.	Tuberculosis, respiratory	..	..	..	..	1	1	2
2.	Tuberculosis, other	..	..	..	..	—	—	—
3.	Syphilitic disease	..	..	..	..	—	—	—
4.	Diphtheria	..	..	..	..	—	—	—
5.	Whooping Cough	..	..	..	..	—	—	—
6.	Meningococcal infections	..	..	..	..	—	—	—
7.	Acute poliomyelities	..	..	..	..	—	—	—
8.	Measles	..	..	..	..	—	—	—
9.	Other infective and parasitic diseases	..	..	..	..	1	—	1
10.	Malignant neoplasm, stomach	..	..	..	..	5	3	8
11.	Malignant neoplasm lung, bronchus	..	..	..	..	8	2	10



12.	Malignant neoplasm, breast	..	..	—	5	5
13.	Malignant neoplasm, uterus	..	..	—	4	4
14.	Other malignant and lymphatic neoplasms			14	18	32
15.	Leukamia, aleukaemia	..	..	1	1	2
16.	Diabetes	..	..	4	2	6
17.	Vascular lesions of nervous system	..		24	29	53
18.	Coronary disease, angina	..	..	57	20	77
19.	Hypertension with heart disease	..	..	4	7	11
20.	Other heart disease	..	..	27	34	61
21.	Other circulatory disease	..	..	8	11	19
22.	Influenza	..	..	1	4	5
23.	Pneumonia	..	..	18	30	48
24.	Bronchitis	..	..	19	5	24
25.	Other disease of respiratory system	..		1	1	2
26.	Ulcer of stomach and duodenum	..	..	—	1	1
27.	Gastritis, enteritis and diarrhoea	..	..	—	—	—
28.	Nephritis and nephrosis	..	..	—	—	—
29.	Hyperplasia of prostate	..	..	2	—	2
30.	Pregnancy, childbirth, abortion	..	..	—	—	—
31.	Congenital malformations	..	..	4	5	9
32.	Other defined and illdefined diseases	..		15	32	47
33.	Motor vehicle accidents	..	..	4	2	6
34.	All other accidents	..	..	4	5	9
35.	Suicide	..	..	2	1	3
36.	Homicide and operations of war	..	..	—	—	—

Coronary disease, angina, was the principal cause of death accounting for 17.22% of the total deaths. Other heart disease, accounted for 13.65% of the total deaths. Cancer in all forms accounted for 13.65%, one in four being due to cancer of the lung, bronchus. Vascular lesions of the nervous system, i.e. strokes, accounted for 11.86% of the total deaths.

There were 6 deaths due to motor vehicle accidents which is 10 less than the previous year. Deaths due to all other accidents amounted to 9 which is 4 more than the previous year.

There were 3 deaths from suicide, which is 3 less than the previous year.

This is the first full year in which the Samaritan Organisation has been working in Lincoln. It is too early yet to determine whether this organisation has contributed substantially to the numbers of deaths from suicide being reduced.

#### **Number of Deaths and Death Rates from Tuberculosis and Cancer 1966**

The provisional numbers of deaths and death rates per million population for England and Wales during the year 1966 are as follows:—

	<i>Number</i>			<i>Rate</i>		
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
Respiratory Tuberculosis	1,559	531	2,090	67	22	43
Other Tuberculosis ..	119	144	263	5	6	5
Cancer of lung and bronchus .. ..	22,606	4,413	27,019	966	179	562
Other Cancer .. ..	35,959	45,164	81,123	1,537	1,830	1,687



## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

### Nursing in the Home

Under the County Council Scheme, District Nurse/Midwives are stationed at villages throughout the area.

The following details are in current use and not necessarily appertaining to the year 1966 only.

They are stationed at:—

<b>BASSINGHAM</b>	<b>Frith, Mrs. J. Nurse</b>	<b>Harmston Road, Aubourn Bassingham 320</b>
<b>BRANSTON</b>	<b>Chapman, Mrs. M. Nurse</b>	<b>Sleaford Road, Branston Branston 285</b>
<b>BRANT BROUGHTON</b>	<b>Nelmes, Miss S. Nurse</b>	<b>7 Claypole Lane, Stubton Fenton Claypole 365</b>
<b>HYKEHAM</b>	<b>Daft, Mrs. M. A. Nurse</b>	<b>8 Manor Road, North Hykeham North Hykeham 515</b>
	<b>Gunnigle, Mrs. E. Nurse</b>	<b>83 Rookery Lane, Lincoln Lincoln 20395</b>
<b>LEADENHAM</b>	<b>Quincey, Mrs. I. A. M. Nurse</b>	<b>"Stonecroft," High Street, Caythorpe Fulbeck 429</b>
<b>POTTERHANWORTH</b>	<b>Finn, Mrs. M. E.</b>	<b>Nurse's House, Wellhead Lane, Nocton Metheringham 453</b>
<b>SKELLINGTHORPE</b>	<b>Clee, Mrs. G. W. Nurse</b>	<b>"Birds Holt," Waterloo Lane, Skellingthorpe Doddington 242</b>
<b>SWINDERBY</b>	<b>Wright, Miss M. Nurse</b>	<b>Nurse's House, Eastgate, Bassingham Bassingham 248</b>
<b>WADDINGTON</b>	<b>Shields, Mrs. Nurse</b>	<b>Nurse's House, Mill Lane, North Hykeham North Hykeham 409</b>
<b>WASHINGBOROUGH</b>	<b>Foster, Miss G. A. Nurse</b>	<b>Nurse's House, Fen Road, Heighington Washingboro' 281</b>
<b>WELLINGORE</b>	<b>Howard, Miss E. M. Nurse</b>	<b>Nurse's House, Grantham Road, Navenby Navenby 302</b>
<b>Relief Nurses:</b>	<b>Nurse Mrs. A. Freeman, 14 Sutton Road, Beckingham Fenton Claypole 260</b>	
	<b>Mrs. B. Smith, 33 Somerville Close, Waddington Waddington 541</b>	
	<b>Mr. H. Ashton, North End, Fulbeck Fulbeck 266</b>	
	<b>Mrs. Place, Caledonia, Canwick Avenue, Bracebridge Heath Lincoln 24034</b>	
<b>Health Visitors:</b>	<b>Miss M. A. Daniels, 28 Meynell Avenue, Lincoln Lincoln 24084</b>	
	<b>Miss K. P. Brown, The Croft, Caunton Caunton 265</b>	
	<b>Mrs. D. E. Edgell, The Paddock, Norton Disney Bassingham 237</b>	
<b>Part Time School Nurse: (for Hykeham district)</b>	<b>Mrs. S. Heathcote, "Northorpe," 6 Middle Street, North Hykeham</b>	

The health visitor provides a medico social service to the family and in particular to mothers and infants, the aged, the tuberculosis patient and the problem family.

**Child Care Officer:** Miss A. M. Foster, Kesteven County Council, Sleaford  
Covering the North Kesteven Rural District:  
Miss S. J. Skelton, 15 Broadway, Bracebridge Heath  
Tel. Lincoln 25728

**Mental Welfare Officer:** Mr. M. A. Clark, Kesteven County Council, Sleaford  
Covering the North Kesteven Rural District:  
Mr. W. Holmes, 20 Orchard Street, Lincoln  
Tel. Lincoln 22856

**District Welfare Officer:** Mr. W. A. Allpress, Kesteven County Council, Sleaford  
Covering the North Kesteven Rural District:  
Mr. Brown, 20 Orchard Street, Lincoln  
Tel. Lincoln 22856

### **Immunization and Vaccination**

Diphtheria, whooping cough and poliomyelitis immunization, also smallpox vaccination is provided free of charge by the general practitioners in the area.

### **International Certificates of Vaccination**

A total of 607 certificates received approval during the year, 569 of which were against Smallpox and 38 against Cholera.

### **Ambulance Service**

Ambulances serving the area are based at Sleaford and considerable use is made of the Lincoln City Ambulance Service. The ambulance depot which has now been opened at Waddington has relieved the Lincoln City Ambulance Service. The County ambulance service is still running at great pressure. It is important that this service should be used with considerable care in order to avoid over-burdening.

### **School Clinic**

This is held every Wednesday morning at 30 Lindum Road, Lincoln between the hours of 10.00 a.m. to 11.30 a.m.

### **Infant Welfare Clinics**

These are scattered throughout the principal villages in the area. See enclosed list of Infant Welfare Clinics.

### **Mothercraft and Relaxation Classes**

These take place at the Church Hall I.W.C. at North Hykeham and there has been a good attendance of each session. In addition to a session of relaxation exercises, a talk relating to pregnancy, childbirth or mothercraft was given at each attendance.

### **Hospital Services**

All the usual hospital services are provided by the Sheffield Regional Hospital Board at the Lincoln County and St. Georges Hospital, Lincoln. Also situated in the Council's area are St. John's Hospital which specializes in cases of mental illness and Harmston Hall Hospital at Harmston which specializes in cases of mental subnormality. There is also a hospital at Branston for the treatment of Chest diseases and tuberculosis. Nocton Hall R.A.F. Hospital caters for R.A.F. personnel living in the area and their families. The R.A.F. Hospital at Nocton is very helpful in dealing with a number of civilian patients in the area; in particular surgical cases from the civilian waiting lists are dealt with at this hospital, which has greatly reduced the waiting time for routine operations. I would like to thank the Commanding Officer and staff at Nocton for their continuing co-operation with General Practitioners in the area.

### **Public Health Laboratory Service**

Bacteriological investigations are carried out by the Public Health Laboratory Service situated at Lincoln County Hospital under the supervision of Dr. Croll. The service includes the examination of milk and



INFANT WELFARE CLINICS

Centre	Doctor	Secretary	Day When Held
<b>BASSINGHAM</b> The Village Hall	Dr. A. Morris	Mrs. P. Holmes, Bassingham Tel Bassingham 375	3rd Tuesday
<b>BRACEBRIDGE HEATH</b> The Village Hall	Dr. J. F. Adam	Mrs. G. M. Gough, 35 Grange Road, Bracebridge Heath.	2nd and 4th Thursday Doctor only 4th Thursday
<b>BRANSTON</b> The Methodist Chapel	Dr. A. Morris	Mrs. H. E. Deverill, 110 Lincoln Road, Branston Tel. Branston 302	2nd Tuesday
<b>CANWICK</b> The Village Hall	Dr. P. Birch	Mrs. A. M. Hooker, “Charnwood,” Heighington Road, Canwick Tel. Lincoln 20615	3rd Tuesday
<b>EAGLE</b> The Village Hall	Dr. P. Birch	Mrs. I. Roe, Enfield Farm, Eagle	2nd Wednesday
<b>HEIGHINGTON</b> The Village Hall	Dr. P. Birch	Mrs. E. Pratt, Heighington Hall, Heighington Tel. Washingborough 244	2nd Thursday
<b>LEADENHAM</b> The Village Hall	Dr. E. A. Whiteley	Mrs. K. M. Simpson, c/o Post Office, Welbourn	4th Tuesday
<b>METHERINGHAM</b> Methodist Schoolroom	Dr. B. Wright	Mrs. D. Fincham, Jubilee House, Metheringham Tel. Metheringham: 231	1st and 3rd Wednesday Doctor only 1st Wednesday
<b>NAVENBY</b> The Wesleyan School	Dr. A. Morris	Mrs. Mason, North Lane, Navenby Tel. Navenby 285	2nd Friday
<b>NOCTON</b> The Village Hall	Dr. B. Wright	Mrs. P. Dickinson, 21 Wellhead Lane, Nocton	4th Wednesday
<b>NORTH HYKEHAM VILLAGE</b> The Church Hall	Dr. A. Morris and Dr. E. A. Whiteley	Mrs. M. Reynolds, 5 Manor Road, North Hykeham	4th Tuesday
<b>NORTH HYKEHAM NEWARK ROAD</b> The Memorial Hall	Dr. P. Birch	Mrs. J. Ledingham, 54 Moor Lane, North Hykeham Tel. North Hykeham 382	1st and 3rd Monday Doctor only 3rd Monday
<b>NORTH HYKEHAM</b> St. Hugh's	Dr. P. Birch	Mrs. Dickman, 77 Broadway, North Hykeham Tel. Lincoln 24101	1st and 3rd Wednesday
<b>POTTERHANWORTH</b> The Village Hall	Dr. A. Morris	Mrs. T. H. N. Battle, The Old Hall, Potterhanworth Tel. Branston 338	3rd Friday
<b>SKELLINGTHORPE</b> The Women's Institute	Dr. P. Birch	Mrs. F. H. Turner, Waterloo House, Waterloo Lane, Skellingthorpe	2nd Monday
<b>SWINDERBY</b> Methodist Church School Room	Dr. R. W. W. Brown	Mrs. S. D. Newton, Newton's Farm, Swinderby	1st Friday
<b>WADDINGTON R.A.F.</b>		F. D. Frost, 27 Edinburgh Square, Waddington	1st and 3rd Thursday
<b>WADDINGTON VILLAGE</b> The Church Hall	Dr. J. F. Adam	Mrs. M. A. Lowe, 178 Grantham Road, Waddington	1st and 3rd Tuesday Doctor only 1st Tuesday
<b>WASHINGBOROUGH</b> The Village Hall	Dr. P. Birch	Mrs. M. Dalton, 31 Park Avenue, Washingborough Tel. Washingborough 243	3rd Tuesday
<b>LINCOLN (BRANT ROAD)</b> Social Club	Dr. P. Birch	Mrs. A. MacLeod, “Torridon,” Brant Road, Lincoln	4th Monday



## INFECTIOUS DISEASES

[illegible]



water supplies as well as general bacteriological examinations for the general practitioners and the Public Health Departments. I should particularly like to thank Dr. Croll for his generous assistance and advice.

#### **Venereal Disease Clinic**

A special clinic for the diagnosis and treatment of venereal diseases is held twice a week at the Lincoln County Hospital.

### **INFECTIOUS DISEASE**

#### **Dysentery**

18 cases of dysentery were notified during 1966 compared to none in the previous year. 13 cases were due to an epidemic at Harmston Hall Hospital, which was rapidly brought under control.

#### **Diphtheria**

No cases were notified during the year but cases are often occurring in the country from time to time and it is essential that a high level of immunization be maintained in order to prevent the possibility of an outbreak. The triple vaccine giving protection against diphtheria, whooping cough and tetanus is available for infants and young children. It is particularly important that tetanus immunizations for agricultural workers should be encouraged as these workers are at greater risk than others in this agricultural community.

#### **Whooping Cough**

No cases were notified during 1966 as compared with the one case reported last year. These figures probably do not represent the true incidents of this disease as diagnosis in children who have been immunized is very often impossible.

#### **Poliomyelitis**

There were no cases of poliomyelitis notified during the year in this area.

There are now plentiful supplies of oral vaccine available and it is most essential that all children should receive this vaccine in order to maintain an immune community. It is thought that the immunity from 3 doses of oral vaccine is probably lifelong.

#### **Food Poisoning**

No cases of Food Poisoning were notified during the year.

#### **Tuberculosis**

There were 5 new cases of tuberculosis notified during the year. Of these five cases four were respiratory and one was a Tuberculous Chest Abscess. Two deaths were attributable to respiratory tuberculosis during the year. Enormous developments have taken place in the treatment and prevention of tuberculosis in recent years but if there is any relaxation in the battle against this disease final eradication will be further postponed. Protection against tuberculosis is offered to 13 year old school children.

With regard to cases of infectious diseases in general it should be noted that a considerable number of these are admitted to hospital in Lincoln before a diagnosis is made. If the diagnosis is made in a Lincoln Hospital, the notification return is included in those of Lincoln City and not in that of North Kesteven R.D.C. The hospital concerned, however, makes the practice of informing myself of the diagnosis in order that preventive measures can be carried out in the home and the locality from which the case originated.

The infectious disease notifications show a decrease in the previous year, largely due to a smaller number of measles cases. It is to be hoped that the Ministry of Health will shortly give its blessing to widespread measles immunization as part of the general immunization programme.

# FOOD AND DRUGS ACT, 1955

## Inspection of Meat

In the area there are 2 licenced slaughterhouses.

The following is a tabluar statement for the post-mortem inspection of animals:—

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	506	931	53	562	1047	Nil
Number inspected	506	931	53	562	1047	Nil
<b>All diseases except Tuberculosis and Cysticerci</b>						
Whole carcasses condemned	Nil	21	2	2	15	Nil
Carcases of which some part or organ was condemned	27	324	2	2	39	Nil
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	5.34%	37.05%	7.55%	0.712%	3.28%	Nil
<b>Tuberculosis only</b>						
Whole carcasses condemned	Nil	3	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	8	86	Nil	Nil	22	Nil
Percentage of the number inspected affected with tuberculosis	1.58%	9.55%	Nil	Nil	1.33%	Nil
<b>Cysticercosis</b>						
Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil	Nil

## Weight of Meat Condemned

	Carcase Meat			Offal		
	tons	cwts.	lbs.	tons	cwts.	lbs.
Bovine	7	4	22	2	14	53
Sheep	—	1	51	—	—	—
Pigs	1	4	55	—	3	86
Horses	—	—	—	—	—	—
Total:	8	10	16	2	18	27



The Ministry of Agriculture, Fisheries and Food continue sending reactor cattle into the slaughterhouse of Messrs. Hughes & Sons (Skellingthorpe) Ltd.

**Disposal of Condemned Meat**

This is taken to a Knackers Yard in the district for processing into pet food and fertilisers.

**Food Hygiene (General) Regulations, 1960**

	Restau- rants and Cafes	But- chers	Grocers and Confec- tioners	Fish and Chip Fryers	Bake- houses	Fruit- erers	Licen- sed Prem- ises
No. of premises	20	22	107	12	4	3	64
No. fitted to comply with Regulation 16	20	22	106	12	4	2	64
No. to which Regulation 19 applies	20	22	83	12	4	1	64
No. fitted to comply with Regulation 19	20	21	83	11	4	1	61

**Food Premises registered under Section 16 of the Food and Drugs Act, 1955.**

Sale of Ice-Cream	Manufacture of Meat Products	Fish and Chip Fryers
130	25	12

84 inspections of food premises were made during the year.

Changes of staff prevented the desirable number of inspections being made in these premises.

**Ice Cream (Heat Treatment, etc.) Regulations, 1947-52**

There are no manufacturers of ice-cream in the district, but there are several soft ice-cream vehicles operating from registered premises in North Hykeham.

During the year seven samples of ice-cream were taken. Of the seven samples of ice-cream, all were found to be grade I.

**The Liquid Egg (Pasteurisation) Regulations, 1963**

There are no pasteurisation plants in the district.



## SANITARY INSPECTION OF THE AREA

Visits to Slaughterhouses..	..	..	..	..	..	305
Drains Tested ..	..	..	..	..	..	678
Housing Inspection ..	..	..	..	..	..	913
Knackers Yard ..	..	..	..	..	..	23
Refuse Tips ..	..	..	..	..	..	63
Inspections on Complaint ..	..	..	..	..	..	226
Other Inspections under Public Health Act ..	..	..	..	..	..	212
Inspections under Food and Drugs Act ..	..	..	..	..	..	84
Infectious Diseases ..	..	..	..	..	..	15
Water Samples taken ..	..	..	..	..	..	2
Caravan Acts ..	..	..	..	..	..	29
Sewer Dykes ..	..	..	..	..	..	59
Visits to Council Houses <i>re</i> Repairs ..	..	..	..	..	..	1951
Sewage Works ..	..	..	..	..	..	184
Buildings in course of Erection ..	..	..	..	..	..	1949
Scavenging ..	..	..	..	..	..	49
Visits to Housing Sites ..	..	..	..	..	..	887
Factories Act ..	..	..	..	..	..	16
Sewers ..	..	..	..	..	..	588
Garage and Store ..	..	..	..	..	..	64
Miscellaneous ..	..	..	..	..	..	843
Animal Boarding Establishment Act ..	..	..	..	..	..	4
Offices, Shops and Railway Premises Act ..	..	..	..	..	..	31

## HOUSING

In carrying out their duties under the Housing Acts in respect of unfit houses, investigating applications for Improvement Grants and supervising the subsequent work, your Public Health Inspectors made 913 visits. The following gives brief details of the outcome of this work.

### Slum Clearance

During 1966, 21 houses were reported to the Council under Section 16, Housing Act, 1957, as being unfit for human habitation and incapable of being rendered fit at reasonable expense. During the year 7 houses were demolished.

Since 1956 a total of 133 dwellings have been included in Clearance Areas under Section 42 and of these 72 have been demolished 39 purchased by the Council have not yet been demolished. 12 have been included in confirmed Clearance Orders but not yet, demolished, 2 converted to garages, 4 made fit, and 4 remain to be dealt with by Clearance Order or otherwise.

Since November, 1955, a total of 293 dwellings, first dealt with by Clearance Order or Section 16 of the Housing Act, 1957, have been demolished.

### Rent Act, 1957

During the year no applications for a certificate of Disrepair were received.

### Improvement Grants

During the year the Council approved 10 applications for Discretionary Grants, the amount of grants involved being £3,822. The

total number of Discretionary Grants approved since the commencement of the Act is 345.

The number of Standard Grants approved during the year was 55 making a total since commencement of the Act of 385.

**Conversion of Closets under Section 47, Public Health Act, 1936**

During the year the Council approved 10 applications for converting closets (other than water closets) to water closets, making a total of 179 since the commencement of the scheme.

**New Housing**

80 new Council Dwellings were completed during the year bringing the total built since the end of the war to 1431.

During the year 683 dwellings were completed by private builders making a total of 4,434 since the war. At the end of the year 339 private dwellings were under construction.

**Council House Improvements**

The number of improvements to older type of Council dwellings during the year 1966 was 52 bringing the total since 1962 to 159.

**SANITARY CIRCUMSTANCES IN THE AREA**

**Water Supply**

All parishes have a piped water supply from the Lincoln and District Water Board. Details of the supply are given below.

	<i>Direct Services</i>		<i>Pillar Fountains</i>	
	<i>No. of Properties served</i>	<i>Popl'n served</i>	<i>No. of Properties served</i>	<i>Popl'n served</i>
Aubourn, Haddington and South				
Hykeham .. .. .	183	763	3	10
Bassingham .. .. .	223	795	3	10
Beckingham .. .. .	69	253	—	—
Boothby Graffoe .. .. .	52	201	—	—
Bracebridge Heath .. .. .	979	4125	—	—
Branston and Mere .. .. .	572	2213	6	18
Brant Broughton and Stragglethorpe	192	816	1	1
Canwick .. .. .	124	439	—	—
Carlton-le-Moorland .. .. .	70	267	—	—
Coleby .. .. .	148	503	3	10
Doddington and Whisby .. .. .	92	379	—	—
Dunston .. .. .	131	551	10	35
Eagle and Swinethorpe .. .. .	168	627	—	—
Harmston .. .. .	90	334	1	—
Heighington .. .. .	407	1602	1	4
Leadenham .. .. .	167	508	2	5
Metheringham .. .. .	407	1934	6	21
Navenby (includes Skinnand) .. .. .	246	1074	5	17
Nocton .. .. .	100	990	—	—
North Hykeham .. .. .	2505	8556	—	—
North Scarle .. .. .	92	518	1	4
Norton Disney .. .. .	47	202	—	—



				<i>Direct Services</i>		<i>Pillar Fountains</i>	
				<i>No. of Properties served</i>	<i>Popl'n served</i>	<i>No. of Properties served</i>	<i>Popl'n served</i>
Potterhanworth	..	..	..	117	573	1	2
Skellingthorpe	..	..	..	896	2176	—	—
Stapleford	..	..	..	27	200	—	—
Swinderby	..	..	..	132	1617	—	—
Thorpe-on-the-Hill (includes Morton)				264	853	—	—
Thurlby	..	..	..	23	128	—	—
Waddington	..	..	..	928	4288	3	10
Washingborough	..	..	..	509	1764	1	1
Welbourn	..	..	..	201	580	—	—
Wellingore	..	..	..	156	639	3	11

- Water supplied to all areas has been satisfactory in both quality and quantity.
- Weekly bacteriological examinations are made of all water supplied and periodic samples for chemical and flourine content are sent to the Water Board's Analyst. Weekly reports are submitted to the Council. The fluoride content of the water is shown in the chemical analysis.
- The water does not have any undue plumbo-solvent action on lead and special precautions are not therefore necessary.
- A strict hygienic code of practice is carried out at all times at the pumping stations and reserviors. All new mains are chlorinated before use.

### CHEMICAL ANALYSES

#### Waneham Bridge Pumping Station, Metherringham

*This water contains per million parts:*

Total Solids dried 180° C	..	..	..	..	..	662.00
Suspended Matter	..	..	..	..	..	Absent
Chlorides as Chlorine	..	..	..	..	..	58.50
Nitrate Nitrogen	..	..	..	..	..	2.27
Nitrite Nitrogen	..	..	..	..	..	Absent
Ammoniacal Nitrogen	..	..	..	..	..	0.004
Albuminoid Nitrogen	..	..	..	..	..	0.086
Carbonate Hardness	..	..	..	..	..	210.00
Non-Carbonate Hardness	..	..	..	..	..	254.00
Excess Alkalinity as Sodium Carbonate	..	..	..	..	..	—
Oxygen absorbed from N/80 KMnO <sub>4</sub> in 4 hrs. at 27°C	..	..	..	..	..	0.18
pH Value	..	..	..	..	..	7.1
Odour and Taste	..	..	..	..	..	Normal
Colour—Hazen Units	..	..	..	..	..	Less than 5
Heavy Metals	..	..	..	..	..	Absent
Free Chlorine	..	..	..	..	..	0.03
Fluorides as Fluorine	..	..	..	..	..	0.13

#### Observations

At the time of sampling this water was of suitable chemical quality for human consumption, domestic use and dairy purposes.

### Potterhanworth Pumping Station

*This water contains per million parts:*

Total Solids dried 180°C	..	..	..	..	..	624.00
Suspended Matter	..	..	..	..	..	Absent
Chlorides as Chlorine	..	..	..	..	..	55.00
Nitrate Nitrogen	..	..	..	..	..	8.45
Nitrite Nitrogen	..	..	..	..	..	Absent
Ammoniacal Nitrogen	..	..	..	..	..	0.004
Albuminoid Nitrogen	..	..	..	..	..	0.008
Carbonate Hardness	..	..	..	..	..	223.00
Non-Carbonate Hardness	..	..	..	..	..	167.00
Excess Alkalinity as Sodium Carbonate	..	..	..	..	..	—
Oxygen absorbed from N/80 KMnO <sub>4</sub> in 4 hrs. at 27°C	..	..	..	..	..	0.22
pH Value	..	..	..	..	..	7.1
Odour and Taste	..	..	..	..	..	Normal
Colour—Hazen Units	..	..	..	..	..	Less than 5
Heavy Metals	..	..	..	..	..	Absent
Free Chlorine	..	..	..	..	..	Absent
Fluorides as Fluorine	..	..	..	..	..	0.08

### Observation

At the time of sampling this water was of suitable chemical quality for human consumption, domestic use and dairy purposes.

### Refuse Collection

A weekly collection of refuse was carried out throughout the whole of the district, the work being executed by direct labour.

The system of collection whereby the full dustbin is collected from the rear of the premises and the empty bin is returned to the rear of the premises was introduced early in the year to part of the district and applied to the whole of the district before the end of the year.

Controlled tipping continued at Bracebridge Lowfields.

### Sewage Disposal

At the end of 1966 the following villages were sewered—Boothby Graffoe, Bracebridge Heath, Branston, Brant Broughton, Heighington, Metherringham, Navenby, North Hykeham, Waddington, Washingborough, Welbourn and Wellingore.

During the year good progress was maintained on the contracts for the sewerage of Bassingham, Carlton-le-Moorland, Leadenham and Skellingthorpe. Work was commenced on the sewerage of Canwick and, here again, good progress made.

Tenders were received for the extension of the sewage disposal works at Brant Road, Waddington, and for the sewerage of Aubourn, Haddington, South Hykeham, Swinderby and Thorpe-on-the-Hill.

During the year grant aid was given again for the conversion of unsatisfactory types of closets into water closets.



## OFFICES SHOPS AND RAILWAY PREMISES

### 1. Registrations and General Inspections

Class of Premises	No. registered during the year	No. of registered premises at end of year	No. of registered premises receiving an inspection
Offices	2	10	2
Retail Shops	7	79	22
Wholesale Shops and Warehouses	—	2	—
Catering est. open to public Canteens	—	14	—
Fuel Storage Depots	—	2	—
Totals	9	107	24

### 2. Analysis of Contraventions

Section	Contraventions	No. found	Section	Contraventions	No. found
4	Cleanliness	3	13	Sitting facilities	1
5	Overcrowding		14	Seats (sedentary workers)	
6	Temperature		15	Eating facilities	
7	Ventilation		16	Floors, passage and stairs	3
8	Lighting	4	17	Fencing exposed parts machinery	1
9	Sanitary Conveniences	2	18	Protection of young persons from dangerous machinery	
10	Washing facilities		19	Training young persons working at dangerous machinery	
11	Supply of Drinking Water		23	Prohibition of heavy work	
12	Clothing Accommodation	1	24	First Aid General Provisions	1
				Total	17

All contraventions were dealt with informally and it was not necessary to take any legal action during the year.

## Pests Act, 1949

The Council employ two full-time Rodent Operators. The District is divided into two areas, each Operator being responsible for a particular area.

The Report for the Year Ending 31st December, 1966, which is sent to the Ministry of Agriculture, Fisheries and Food, is reproduced to show the results of their work.

### Properties other than Sewers

1. Number of properties in district
2. a. Total number of properties (including nearby premises) inspected following notification  
b. Number infested by (i) Rats  
(ii) Mice
3. a. Total number of properties inspected for rats and/or mice for reasons other than notification.  
b. Number infested by (i) Rats  
(ii) Mice

Type of Property	
Non Agricultural	Agricultural
11,213	1,212
359	32
355	26
4	2
4,832	856
1,589	278
7	18

## Sewers

4. Were any sewers infested by rats during the year?

YES	NO
1	0

(tick as appropriate)

## Surface Properties and Sewers

5. Any other points of interest? NO.

**Defects found in Factories, Workshops and Workplaces**

Sanitary accommodation:—

(a) Insufficient, Nil. (b) Unsuitable or defective 2. All were remedied.

Premises	Number on Register	Inspections	Written Notices
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	3	—	—
Factories not included in (i) in which Section 7 is enforced by the Local Authority.	78	10	—
Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	21	6	—
TOTAL	102	16	—

No defects were found during these inspections.

**Health Education**

The Council subscribe to the Central Council for Health Education and receive their posters and leaflets. A great deal of time and effort is spent by the staff of the Health Department of this council in persuading members of the public to increase their standard of hygiene. What may appear on a report as a single visit or inspection may in fact have entailed many hours of explanation and persuasion.

I remain,  
Your obedient Servant,  
J. F. ADAM,  
*Medical Officer of Health.*







